

# Little Lake Butte des Morts Cleanup to Begin in June

Lower Fox River and Green Bay Site  
Northeast Wisconsin

May 2004

## Safety and monitoring

The following, as well as other activities, will be done to ensure the safety of area residents and workers:

- The pipeline will be marked with buoys and lights at night to alert boaters of its location.
- Signs will be posted at boat ramps on the lake to inform boaters about the cleanup activities on the lake.
- Air monitoring will be done during cleanup operations.
- The treated water will be tested before being put back into the lake.
- Trucks carrying the sediment to the disposal area will be lined and covered.

## Web sites

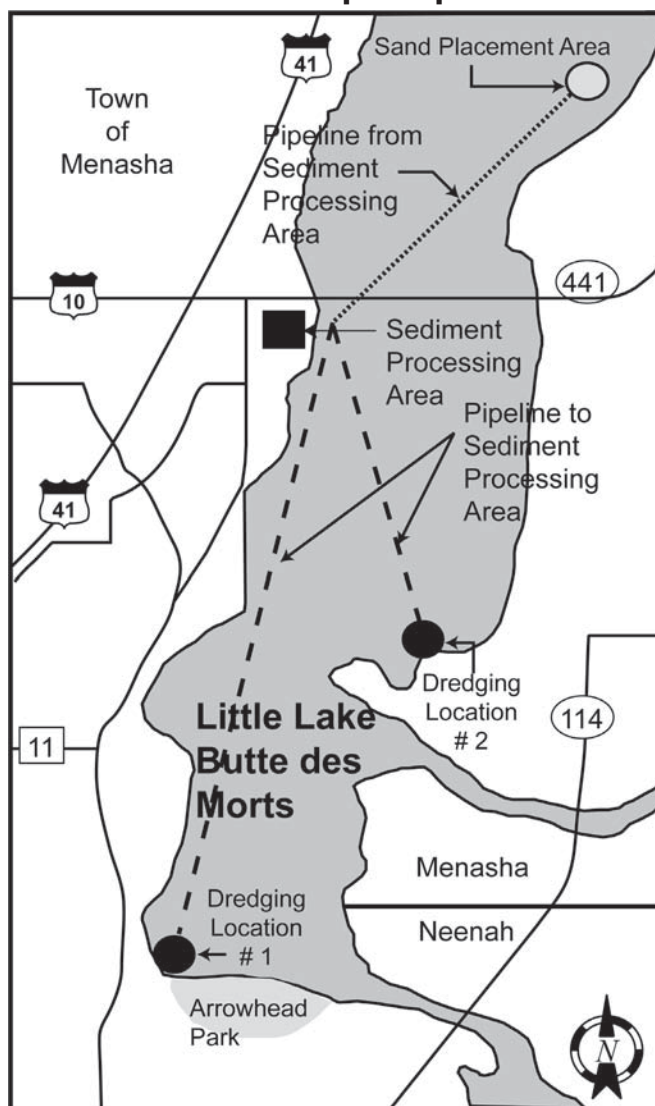
Check out the following Web sites to learn more about the cleanup of Little Lake Butte des Morts and the Lower Fox River and Green Bay site.

[www.dnr.state.wi.us/org/water/wm/lowerfox](http://www.dnr.state.wi.us/org/water/wm/lowerfox)

[www.epa.gov/region5/sites/foxriver](http://www.epa.gov/region5/sites/foxriver)

[www.fws.gov](http://www.fws.gov)

## Little Lake Butte des Morts Cleanup Map



U.S. Environmental Protection Agency and Wisconsin Department of Natural Resources will oversee the cleanup of Little Lake Butte des Morts scheduled to begin in June. The cleanup will be done by contractors for Glatfelter Co. and WTM I Co. and is expected to take six years.

The cleanup this fall will involve:

- dredging contaminated sediment from two locations in the lake (see map above).
- pumping the sediment through a floating pipeline to a processing area.
- separating the sediment from the water.
- treating the water and putting it back into the lake.
- trucking the dried sediment to an approved disposal facility (to begin in 2005).

## Dredging

The dredging of sediment is planned to begin in September and will continue throughout the whole project. Contractors will start dredging at location #1 in the southwest corner of the lake (see map on Page 1). Then, in October they will begin dredging at location #2 just north of the Menasha Locks. A hydraulic dredge will be used to suck contaminated sediment from the bottom of the lake. In the beginning, the dredge will be operated about 10 hours a day, but is expected to increase to 24 hours a day up to six days per week.

## Floating pipeline

Construction of the floating pipeline will begin in August (see map on Page 1). While most of the pipeline will float on the water, for ease of access to docks and to help boats move around the lake, in some areas, the pipeline will run underneath the water. The pipeline will carry contaminated sediment from dredging areas to the sediment processing area.

## Sediment processing area

The sediment processing area includes:

- a water treatment building.
- a gravel area with a plastic liner (called a dewatering pad) where the water will be separated from the sediment. (Geotextile tubes like the one shown in the photo on this page will be used to separate the sediment from the water.)
- a pipe through which the treated (clean) water will be sent back to the lake.
- a boat dock.

The aerial photo on Page 3 shows where these facilities will be located. Construction of the sediment processing area will begin in June. Once the cleanup is complete, the sediment processing area will be restored.



PHOTO COURTESY OF MIRATECH

*Geotextile tubes like these will be used to separate the sediment from the water. Inside the tubes, sediment settles to the bottom and water drains out. The water is then treated and put back into the lake and the sediment is trucked to an approved disposal facility.*

## Trucking and disposing of the sediment

Once the contaminated sediment has been removed and dried, it will be sent by truck to an approved disposal area. The trucks will be lined with plastic and covered to prevent sediment from being blown into the streets. The trucks will travel North Lake Street and Towmen Road to Highway 41 to the disposal area. Trucking of the sediment is expected to begin in 2005. Truck activity will begin after 6:30 a.m. and will end by 5:30 p.m. on weekdays. On the weekends, truck activity will be limited to Saturday mornings.

## Sand placement

Contractors will also test a plan to put clean sand over sediment in a portion of the lake where the sediment is not so contaminated that it must be removed (see map on Page 1). The test will show whether sand can be placed on the bottom of the lake without disturbing the sediment underneath. Testing of the sand placement is scheduled to begin in November.



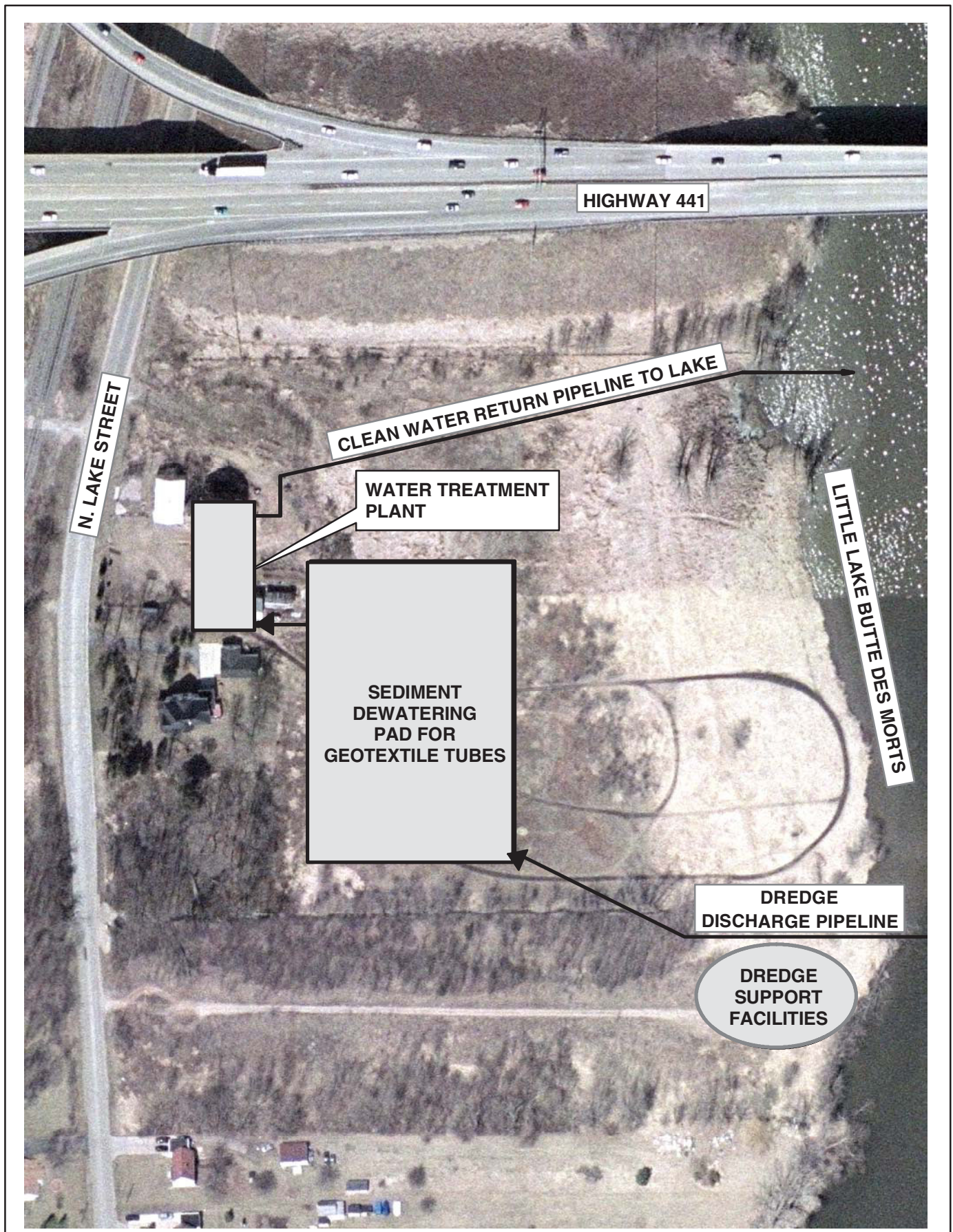


PHOTO COURTESY OF LITTLE LAKE CLEANUP TEAM

*The aerial photo above shows the layout and location of the sediment processing area. The dewatering pad will be expanded in 2005.*

## For more information

For more information about the Little Lake Butte des Morts cleanup, please contact:

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## Information repository and administrative records

Copies of the documents related to the cleanup of Little Lake Butte des Morts will be available in the reference sections of:

- **Appleton Public Library**, 225 N. Oneida St., Appleton, Wis.
- **Brown County Library**, 515 Pine St., Green Bay, Wis.
- **Door County Library**, 104 S. Fourth Ave., Sturgeon Bay, Wis.
- **Oneida Community Library**, 201 Elm St., Oneida, Wis.
- **Oshkosh Public Library**, 106 Washington Ave., Oshkosh, Wis.

An administrative record, which contains detailed information upon which the selection of the cleanup plan was based, is available at DNR Lower Fox River Basin Team, 801 E. Walnut St., Green Bay; DNR Bureau for Remediation and Redevelopment, 3<sup>rd</sup> Floor, 101 S. Webster St., Madison; and EPA Records Center, 7<sup>th</sup> Floor, 77 W. Jackson Blvd., Chicago, Ill.

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# LOWER FOX RIVER AND GREEN BAY SITE: Little Lake Butte des Morts Cleanup to Begin

United States  
Environmental Protection  
Agency  
Region 5  
Office of Public Affairs (P-19J)  
77 W. Jackson Blvd.  
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